Listing of Claims:

1.   (Currently Amended) A computer-implemented method for dereferencing content of a link table in a database, said link table specifying relationships between a plurality of other tables of said database, said link table comprising a plurality of link records, said link table[s] having a link table record ID attribute and a foreign key attribute associated with a specific attribute of one of said plurality of other tables, comprising:

automatically creating a first user data model for said link table;[, said first user data model representing said link table as a child vector node and said foreign key attribute as an attribute of said child vector node];

automatically [substituting] assigning said foreign key attribute in said first user data model [with] a first given attribute associated with said one of said plurality of said other tables, said given attribute is an attribute arbitrarily selected from attributes of said one of said plurality of other tables, thereby forming a second user data model; and

creating a dereferenced table from said link table using said second user data model, said dereferenced table [providing] including, for each of said plurality of link records, a value of said link table record ID attribute and content associated with said given attribute in a given record of said one of said other tables for a value associated with said foreign key attribute in said link table, said value associated with said foreign key attribute in said link table identifying said given record of said one of said other tables, said content associated with said given attribute being different from said value associated with said foreign key attribute that identifies said given record of said one of said other tables.

2.   (Canceled)

3.   (Previously presented) The computer-implemented method of claim 1 wherein said given attribute is the first attribute that comes after the record ID attribute in said one of said plurality of other tables.

4.   (Previously presented) The computer-implemented method of claim 1 further comprising:
    presenting said second user data model to a user prior to said creating;

permitting said user to specify a user-specified attribute as a substitute for said foreign key attribute, said user-specified attribute representing either a single attribute of said one of said plurality of other tables or a compound attribute that includes multiple attributes of said one of said plurality of other tables; and

updating said given attribute with said user-specified attribute.